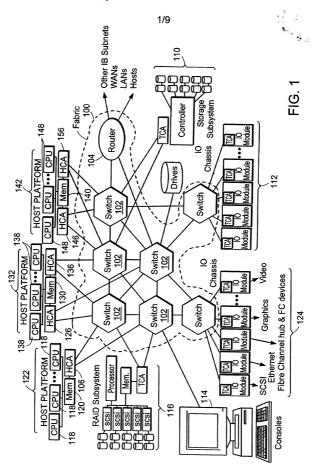
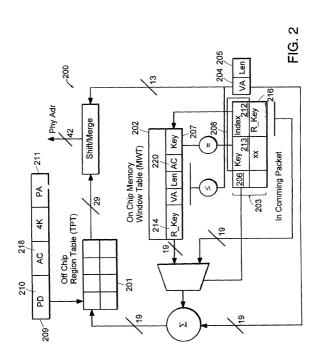
Title: Remote Memory Address Translation Inventor(s): Dearth et al. Application No.:10/007154 Docket No.:2442/105 Page 1 of 9



Title: Remote Memory Address Translation Inventor(s): Dearth et al. Application No.:10/007154 Docket No.:2442/105 Page 2 of 9



Title: Remote Memory Address Translation Inventor(s): Dearth et al. Application No.:10/007154 Docket No.:2442/105 Page 3 of 9

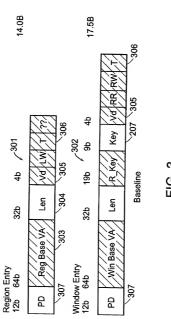


FIG. 3

Title: Remote Memory Address Translation Inventor(s): Dearth et al. Application No.:10/007154 Docket No.:2442/105 Page 4 of 9

4 17 1 E

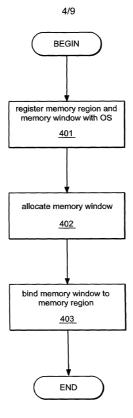
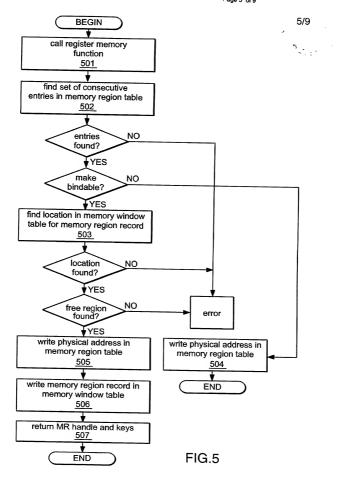


FIG.4

Title: Remote Memory Address Translation Inventor(s): Dearth et al. Application No.:10/007154 Docket No.:2442/105 Page 5 of 9



Title: Remote Memory Address Translation Inventor(s): Dearth et al. Application No.:10/007154 Docket No.:2442/105 Page 6 of 9

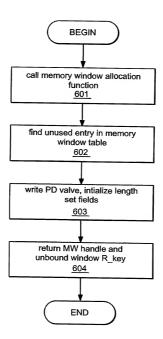


FIG.6

Application No.:10/007154 Docket No.:2442/105 Page 7 of 9 7/9 **BEGIN** call bind request function 701 read index pointers 702 compare protection domains 703 PD NO values match? YES compare virtual addresses and lengths 704 addresses NO and lengths OK? YES check access value 705 NO access OK? YES update memory window table entry 706 generate window R_key generate error 707 708 END FIG.7

Title: Remote Memory Address Translation Inventor(s): Dearth et al.

Title: Remote Memory Address Translation inventor(s): Dearth et al. Application No.:10/0007154 Docket No.:2442/105 Page 8 of 9

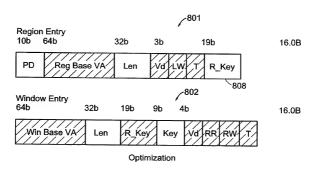


FIG. 8

Application No.:10/007154 Docket No.:2442/105 Page 9 of 9 9/9 **BEGIN** call bind request function 901 read index pointers 902 offset length to define index start and index end and reset window NO memory index to value length = 0? between index start and index end YES 908 compare domain protection values 903 compare protection domain values of oldMR, NewMR, amd queue pair NO PD values match? 909 YES compare addresses and lengths YES values match? 904 NO address NO and length OK? YES check access values 905 generate error NO access OK? 910 YES update memory window entry 906 generate window R_key 907 FIG. 9 **END**

Title: Remote Memory Address Translation Inventor(s): Dearth et al.